

REMARKS

Prior to entry of this paper, Claims 1-7, 9-32 and 34-45 were pending. Claims 1-7, 9-32 and 34-45 were rejected. In this paper, no Claims are amended, cancelled, or added. Claims 1-7, 9-32, and 34-45 are currently pending. No new matter is added by way of this amendment. For at least the following reasons, Applicants respectfully submit that each of the presently pending claims is in condition for allowance.

II. Claim Rejections - 35 U.S.C. § 103

Claims 1, 3, 4, 9-12, 14, 15, 26-30, 32, 35-38, and 40-45 were rejected under 35 U.S.C. 103(a) as being unpatentable over Aura in view of Jamtgaard, and Buhle. Claim 2 was rejected under 35 U.S.C. 103(a) as being unpatentable over Aura in view of Jamtgaard and Buhle, further in view of Bryson. Claims 5, 18, 20-22 and 24 were rejected under 35 U.S.C. 103(a) as being unpatentable over Aura in view of Jamtgaard and Buhle, further in view of Wilf. Claims 6, 7, 16, 17, 31 and 34 were rejected under 35 U.S.C. 103(a) as being unpatentable over Aura in view of Jamtgaard and Buhle, further in view Laraki. Claims 13 and 39 were rejected under 35 U.S.C. 103(a) as being unpatentable over Aura in view of Jamtgaard and Buhle, further in view of Kindberg. Claims 19 and 23 were rejected under 35 U.S.C. 103(a) as being unpatentable over Aura in view of Jamtgaard, Buhle and Wilf, further in view of Laraki. Claim 25 was rejected under 35 U.S.C. 103(a) as being unpatentable over Aura in view of Jamtgaard, Buhle and Wilf, further in view of Kindberg. Applicants respectfully traverse these rejections.

The Applicants' representative respectfully disagrees that the combination of Aura, Jamtgaard, and Buhle, teach or suggest, for example, receiving...from the mobile device...a gateway group identifier for a carrier gateway that is associated with the mobile device request, as recited by at least Claim 1.

Nowhere does any of the cited prior art references teach "a gateway group identifier for a carrier gateway." Instead, Aura appears to merely teach global identifiers. However, Aura discloses exemplary types of global identifiers as a home IP address which is used to identify mobile IP nodes, a Media Access Controller (MAC) address which is associated with the mobile node's network controller,

or a GSM IMSI – which is a Global System for Mobile telecommunications International Mobile Subscriber Identifier. See Aura, Col. 13 line 46 – Col. 14 line 8. Such global identifiers clearly do not teach or suggest gateway group identifiers. Similarly, while Aura discloses that various parameters, including a base station identifier, MAC address, and a random number generated by the mobile device may be included as arguments to various keyed one-way functions (e.g. $f(1)$), such functions are described as one-way functions, using, such as a secure hash algorithm (e.g. SHA). See Aura, Col. 14, lines 58-67. Such one-way hash functions mean that the arguments used to generate the result may not be then extracted to be used for other purposes. Moreover, such identifiers still appear to not teach a gateway group identifier for a carrier gateway.... Thus, Aura appears to fail to teach or suggest “receiving from the mobile device.....a gateway group identifier for a carrier gateway.....,” as required by at least claim 1.

Buhle also fails to teach or suggest receiving...from the mobile device...a gateway group identifier for a carrier gateway that is associated with the mobile device request, as recited by at least claim 1. Instead, Buhle merely teaches if a client is “more” trusted than a middle-tier server, then the client may be granted additional privileges when it connects directly to a data server than when it connects through the middle-tier server.... See Buhle, Col. 6 lines 7-20. However, such comparison of trust between the client and the middle-tier server does not teach or suggest receiving a gateway group identifier for a carrier gateway. Thus, Buhle also fails to teach or suggest at least this limitation.

Similarly, Jamtgaard also appears to make no reference, teaching, or suggestion of receiving...from the mobile device... a gateway group identifier for a carrier gateway. Therefore, the combination of Aura, Buhle, and Jamtgaard fails to teach or suggest at least this limitation.

However, Applicants’ representative further submits that the combination of Jamtgaard with Aura (and/or Buhle) also fails to teach or suggest “automatically determining at least one level of trust from a plurality of different levels of trust based, in part, on the associated information...” where the associated information is received in a request from the mobile device (“receiving a request from the mobile device, wherein the request includes associated information...”). Instead, Aura merely teaches that “mobile node 202 may have achieved changing (e.g., decreasing or escalating) levels of authentication through multiple authentication operations during its interaction with the base station

200.” See Aura, Col. 7 lines 52-58. (Emphasis added). Accessing different levels of services to change a level of authentication does not teach or suggest determining a level of trust based on the associated information included within a request from the mobile device – see Claim 1. Instead, Aura discloses multiple accesses of different levels of services during its communications to vary the authentication. See Aura, Col. 7 lines 56-58. No does Jamtgaard or Buhle appear to teach such limitations. Therefore, for at least this reason, the combination of cited prior art references fail to teach or suggest all of the limitations of at least claim 1.

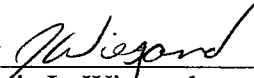
Because independent claims 18, 26, 35, 41, and 45 include at least the same, albeit different, limitations as claim 1, each of these claims are also not rendered obvious for at least the same reasons. Moreover, claims 2-7 and 9-17 depend from claim 1; claims 19-25 depend from claim 18; claims 27-32 and 34 depend from claim 26; claims 36-40 depend from claim 35; and claims 42-44 depend from claim 41. Therefore, for at least the same reasons as their respective independent claims, each of the dependent claims are also not rendered obvious. Applicants’ representative therefore respectfully requests that the rejections of claims 1-7, 9-32, and 34-45 be withdrawn.

CONCLUSION

It is respectfully submitted that each of the presently pending claims (Claims 1-7, 9-32 and 34-45) is in condition for allowance and notification to that effect is requested. Examiner is invited to contact the Applicants' representative at the below-listed telephone number if it is believed that the prosecution of this application may be assisted thereby. Although only certain arguments regarding patentability are set forth herein, there may be other arguments and reasons why the claimed invention is patentable. Applicants reserve the right to raise these arguments in the future.

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Respectfully submitted,

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